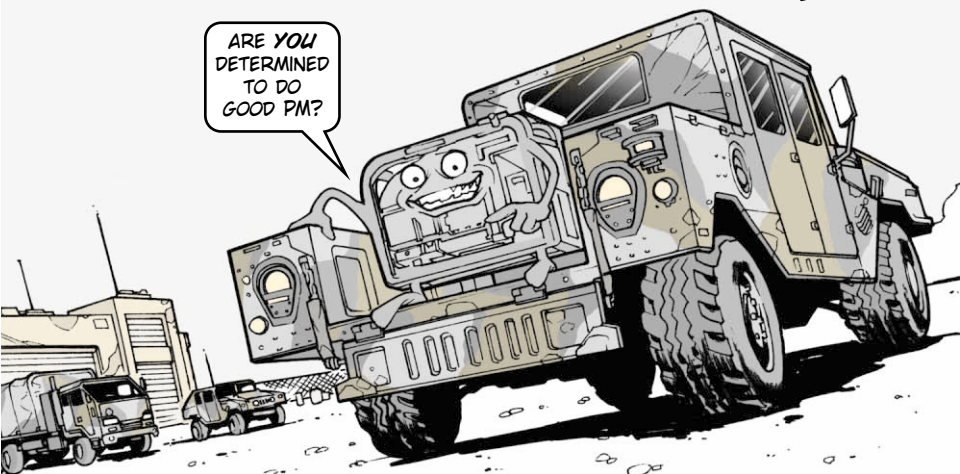


Be Determined with PADS Care

ARE YOU
DETERMINED
TO DO
GOOD PM?



The position and azimuth determining system (PADS) won't be determining many firing positions for your howitzer, MLRS, or Patriot if you're not determined in your PM.

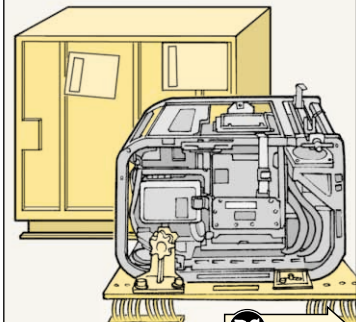
Unpacking and Packing



PADS has components that require delicate handling. So carefully follow the unpacking and packing instructions in Section 1 of Chapter 2 in TM 5-6675-308-12.

When sending the PADS or inertial measurement unit (IMU) for repair, use the correct shipping container. Order the PADS container with NSN 8145-01-407-8256 and the IMU container with NSN 6675-01-474-9021. Do not use the Army-fabricated metal containers that have hard-rubber bumpers. They don't provide enough protection.

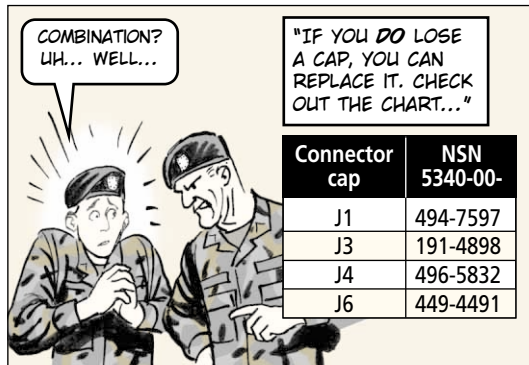
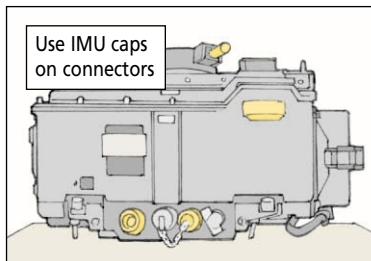
Use correct container for shipping



PS MORE

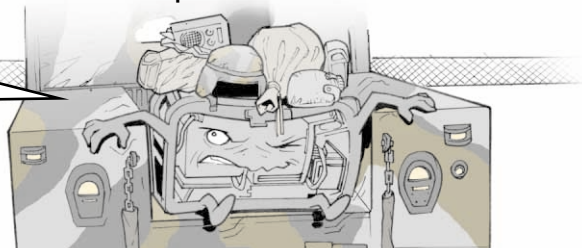
Center the PADS or IMU container on a 40 x 48-in pallet and secure it with four 1¼-in wide straps, with two straps horizontal and two vertical.

When the IMU is not installed in the PADS, keep the four black protective caps on its connectors. The caps protect the connectors from electrostatic discharge and dirt.



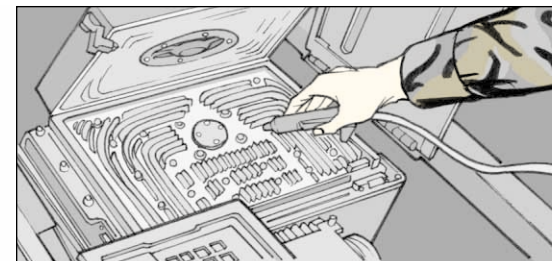
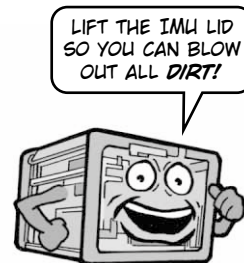
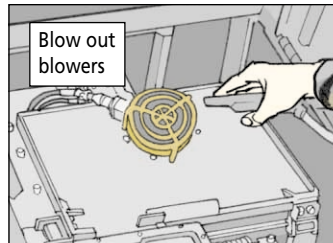
Keep It Cool

THIS PILE IS GETTING ME HOT UNDER THE COLLAR!

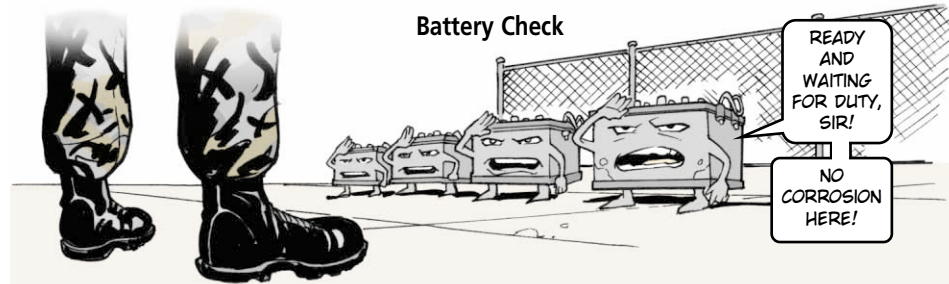


If your PADS doesn't get plenty of cool air, it overheats and shuts down. That's why it's important not to stack stuff on top of or around the PADS. That blocks vents and the PADS thermostat.

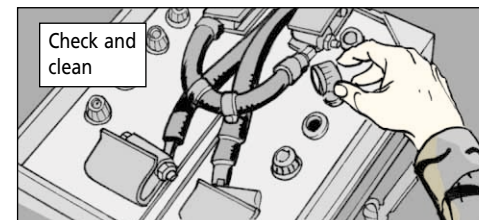
Make sure the IMU vents and blowers and the power supply blowers aren't clogged with dirt. Use an air hose to clean out the vents.



Battery Check



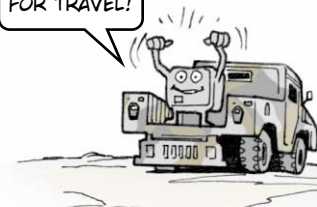
The backup PADS batteries are often forgotten until they're needed. As part of your before-operation PMCS, check the electrolyte level in battery cells and clean any corrosion off battery posts and connectors.



Travel



INSTALL MY IMU AND TURN ME ON FOR TRAVEL!



As much as possible, keep the IMU installed in the PADS and the PADS turned on during travel. That keeps the gyro spinning and protects it from being damaged by bumps and jolts.